

## Problems for Planning

**K-1**

**Choice 1:** Dogs have 2 ears. There are 13 dogs at the park. How many dog ears are there altogether?

**Choice 2:**

Jason ate 9 pancakes. Robbie ate 5 more pancakes than Jason ate. Carmen didn't eat any pancakes. How many pancakes were eaten?

**2-3**

**Choice 1:** Kira is thinking of two numbers. Their difference is 12 and their sum is 22. What are the numbers?

**Choice 2:**

Sophia is stringing beads for a necklace, as shown below:



If Sophia continues her pattern until she has used a total of 13 circle beads, how many square beads will she have used? Show your work or explain your answer.

**4-6**

**Choice 1:** Dolores has a string of ribbon 20 inches long. She needs to cut the ribbon into 2 inch long segments to tie around party favors. How many cuts will she make if she uses all 20 inches?

**Choice 2:**

	Product
$2 \times 2$	$= 4$
$2 \times 2 \times 2$	$= 8$
$2 \times 2 \times 2 \times 2$	$= 16$
$2 \times 2 \times 2 \times 2 \times 2$	$= 32$

If the pattern shown continues, could 375 be one of the products in this pattern? Explain why or why not.